ABSTRACT

A record layout in a legacy application is defined by the record definition in the source code of the language in which the application was written. For each record in a legacy application, the layout of the record is saved in a language-neutral and architecture neutral format in preparation for a runtime invocation. During runtime, for each record, the legacy application can send architecture-specific binary information as it exists in memory on the legacy computer to a component runtime environment that will construct a compatible object-oriented instance of a class to manipulate the information. Once the information is manipulated, the updated information can be represented to the original legacy application in an architecture-specific binary record layout.

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